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NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

**PHOTOGRAPHIC
INTERPRETATION
REPORT**

ARMOR INSTALLATIONS IN NORTH KOREA

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ARMOR INSTALLATIONS IN NORTH KOREA

ABSTRACT

1. This report locates the 62 armor installations which have been identified on photography of North Korea since 1962 (Figure 1 and Table 1). This report is based on CHURCHDOOR, BLACK SHIELD, GIANT SCALE, and KEYHOLE photography [redacted] 25X1
[redacted] and contains a location map, a table, two photo- 25X1
graphs, and references.

INTRODUCTION

2. Before 1968, 11 armor installations in North Korea were identified on photography. Ten of the 11 were more than 30 nautical miles (nm) north of the DMZ; only one was within 20 nm of the DMZ. Since 1968, the number of armor installations along the DMZ has increased. [redacted], 30 armor installations were 25X1
within 20 nm of the DMZ.

3. GIANT SCALE photography over North Korea began [redacted] 25X1
[redacted] and revealed that the North Koreans had begun to update their armor equipment. Before then, the mainstay of North Korean armor had been the Russian T-34 tank and a mixed assortment of assault guns. Since 1969, the number of T-34 tanks and assault guns seen on photography has slowly decreased while the number of the newer T-54 tanks has increased. 25X1

BASIC DESCRIPTION

4. Forty-four of the 62 armor installations have four revetted tunnel-served weapons positions on the front slope of a ridge with connecting tunnel entrances on the reverse slope (Figure 2). These tunnels are concrete lined, have steel doors, and provide protection from observation as well as from strikes. Kuhwa-ri Military Area (Figure 3) is representative of the remaining 18 installations which do not have tunnel-served weapons positions.

5. Table 1 includes data on the first identification and the highest and latest counts of armor observed for each of the 62 armor installations.

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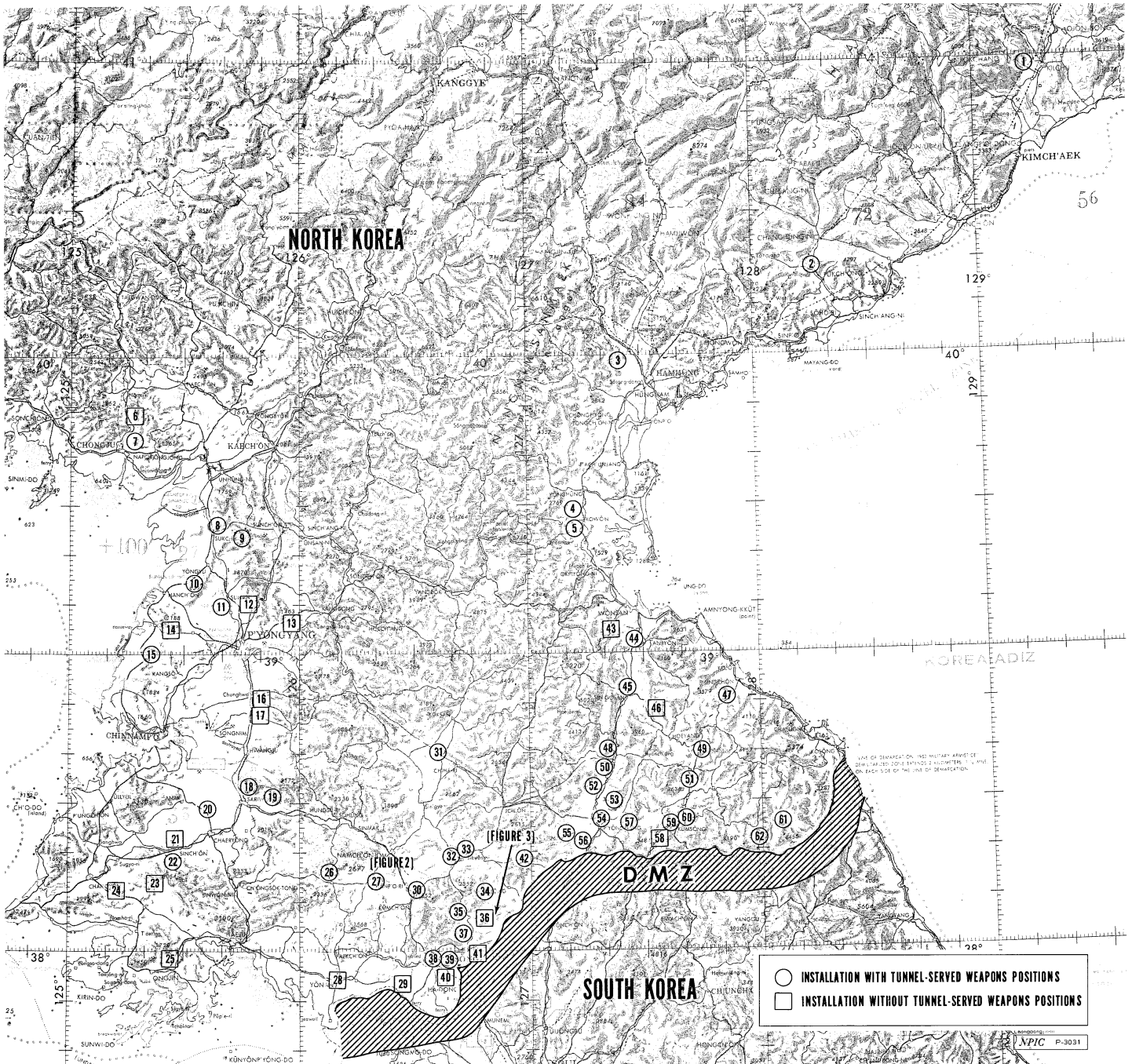


FIGURE 1. ARMOR INSTALLATIONS IN NORTH KOREA (ITEM NUMBERS KEYED TO TABLE 1)

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TABLE 1. ARMOR INSTALLATIONS IN NORTH KOREA (ITEM NUMBERS KEYED TO FIGURE 1)

Item No	Installation Name	Geographic Coordinates	Highest Armor Count	Latest Armor Count
1*	Chongyong-choi Mil Instl North	40-58-55N 129-15-30E	18 tanks/assault guns	18 tanks/assault guns
2*	Pukchong Armor Installation	40-16-50N 128-15-40E	11 tanks	4 tanks/assault guns
3*	Hambung Hq Tank Regt & Bks Area North	39-58-48N 127-24-55E	22 tanks/assault guns	16 tanks/assault guns
4*	Kovon Storage Area	39-30-50N 127-11-00E	28 tanks	8 tanks/assault guns
5*	Kovon Armor Installation SW	39-24-45N 127-11-50E	19 tanks/assault guns	19 tanks/assault guns
6	Kan-ni Army Barracks	39-47-20N 125-15-45E	21 tanks/assault guns	10 tanks/assault guns
7*	Haso-ri Army Barracks	39-41-22N 125-17-48E	9 tanks, 28 tanks/assault guns	9 tanks, 28 tanks/assault guns
8*	Yung-ni Hq 48 Arty Regt & Army Bks	39-26-13N 125-38-22E	20 tanks/assault guns	18 tanks
9*	Kumchon Hq 105 Tank Div & Army Bks/Stor	39-24-40N 125-44-40E	55 tanks, 1 assault gun	34 tanks/assault guns
10*	Samjong-ni Ar Bks & Hq Arty Regt	39-13-50N 125-31-25E	14 tanks, 8 assault guns	7 tanks, 11 tanks/assault guns
11*	Chonso-ri Hq Tank Regt & Barracks Area	39-10-00N 125-39-10E	33 tanks	18 tanks
12	Myongso-ri Storage Area North	39-10-30N 125-47-05E	6 tanks	6 tanks
13	Kal-gol Hq 106 Tank Regt A Bks Area	39-06-10N 125-57-10E	72 tanks/assault guns	11 tanks
14	Chungsan Military Area	39-04-40N 125-26-35E	21 tanks/assault guns	12 assault guns
15*	Kangso Armor Installation	39-00-00N 125-20-55E	18 tanks/assault guns	3 tanks/assault guns
16	Hukkyo-ri Armor Area	38-48-48N 125-49-00E	22 tanks	7 tanks, 5 tanks/assault guns
17	Fyongyang Tank & Asslt Gun Area S	38-48-28N 125-48-40E	13 tanks/assault guns	8 tanks
18*	Sarilwon Armor Installation	38-33-50N 125-45-00E	41 tanks	27 tanks/assault guns
19*	Masan-ni Barracks NE PUG	38-30-06N 125-52-35E	28 tanks	9 armored vehicles
20*	Sinhwanpo-ri Barracks & FA Site	38-28-15N 125-35-45E	15 tanks/assault guns	4 tanks
21	Sinchon Armor Installation NW	38-22-30N 125-27-03E	21 tanks	21 tanks
22*	Sinchon Armor Unit South	38-17-50N 125-28-25E	15 tanks/assault guns	14 tanks/assault guns
23	Onchon-ni Barracks Area NW	38-14-10N 125-23-30E	9 tanks, 6 assault guns	9 tanks, 6 tanks/assault guns
24	Yonbong-dong Army Barracks North	38-12-10N 125-12-05E	19 tanks/assault guns	19 tanks/assault guns
25	Onjin Armor Installation	37-56-55N 125-26-40E	16 assault guns	16 assault guns
26*	Nuchon-ni Armor Installation West	38-15-03N 126-08-47E	10 tanks, 15 tanks/assault guns	11 tanks/assault guns
27*	Nuchon-ni Armor Installation (Figure 2)	38-14-05N 126-18-25E	13 tanks/assault guns	13 tanks/assault guns
28	Yonan Army Barracks & Hq Area	37-54-35N 126-09-30E	18 tanks	15 tanks
29	Kan-choi Army Barracks Kochong-ni	37-52-51N 126-25-43E	5 assault guns	5 assault guns
30*	Kumchon Barracks Area North	38-12-30N 126-30-00E	14 tanks/assault guns	14 tanks/assault guns
31*	Chilchon-dong Armor Installation	38-39-58N 126-35-08E	21 tanks/assault guns	9 tanks
32*	Tosan-up Armor Installation NW	38-20-00N 126-39-20E	8 tanks, 8 tanks/assault guns	9 tanks/assault guns
33*	Tosan-up Armor Installation North	38-20-00N 126-42-33E	19 tanks/assault guns	12 tanks/assault guns

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Table 1. (Continued)

Item No	Installation Name	Geographic Coordinates	Highest Armor Count	Latest Armor Count
34*	Wa-dong Army Barracks & Hq U/I Tank Bn	38-12-10N 126-48-40E	12 tanks/assault guns	9 tanks, 2 tanks/assault guns
35*	Toksan-dong Army Barracks NW	38-08-57N 126-40-29E	1 tank, 14 assault guns	1 tank, 14 tanks/assault guns
36	Kuhva-ri Military Area (Figure 3)	38-06-05N 126-46-42E	9 tanks/assault guns	8 tanks/assault guns
37*	Sovon-dong Armor Installation	38-02-30N 126-43-30E	10 tanks/assault guns	7 tanks/assault guns
38*	Kaesong Army Bks & Hq U/I Tank Bn	37-59-49N 126-35-31E	27 tanks/assault guns	27 tanks/assault guns
39*	Kaesong Armor Installation	37-58-50N 126-37-25E	10 tanks	10 tanks
40	Kuman-gol Army Barracks & Storage Area	37-55-20N 126-37-25E	11 tanks/assault guns	11 tanks/assault guns
41	Kujong-dong Armor Area	38-00-30N 126-45-25E	9 tanks/assault guns	9 tanks/assault guns
42*	Chimu-dong Armor Installation	38-18-30N 126-57-30E	19 tanks, 2 assault guns	18 tanks/assault guns
43	Wonsan Army Barracks SW	39-04-25N 127-21-25E	4 tanks/assault guns	4 assault guns
44*	Chonyang-ni Hq Assault Gun Bn	39-03-26N 127-27-12E	11 tanks/assault guns	1 tank, 9 tanks/assault guns
45*	Kosan Armor Area	38-54-35N 127-24-40E	2 tanks, 6 assault guns	2 tanks, 6 assault guns
46	Kosan Storage SE	38-48-20N 127-32-45E	9 tanks/assault guns	9 tanks/assault guns
47*	Kuum-ni Armor Training Area South	38-50-31N 127-52-15E	26 tanks/assault guns	4 tanks/assault guns
48*	Sepo-up Armor Installation	38-39-38N 127-20-55E	16 assault guns	15 tanks/assault guns
49*	Sinansang-ni Armor Installation	38-40-10N 127-43-04E	11 tanks, 16 tanks/assault guns	1 tank, 21 tanks/assault guns
50*	Sepo-up Armor Installation SW	38-36-40N 127-19-02E	33 tanks/assault guns	22 tanks/assault guns
51*	Sinansang-ni Army Barracks	38-34-18N 127-41-20E	18 tanks/assault guns	None discernible
52*	Ponbung-ni Army Barracks	38-31-24N 127-16-15E	7 tanks/assault guns	5 tanks/assault guns
53*	Sangjok-tong Army Barracks West	38-29-30N 127-19-12E	14 tanks, 14 assault guns	2 tanks, 1 assault gun
54*	Pokkye-ri Hq Tank Regt & Bks Area East	38-26-30N 127-17-21E	21 tanks/assault guns	11 tanks
55*	Namse-ri Army Barracks	38-24-15N 127-10-03E	10 tanks	9 tanks
56*	Pyongnae-san Army Barracks	38-22-38N 127-12-25E	9 tanks/assault guns	3 tanks/assault guns
57*	Hasuhan Hq Inf Regt & Army Bks	38-24-41N 127-24-32E	10 tanks/assault guns	10 tanks/assault guns
58	Chuja-dong Army Barracks NE	38-22-38N 127-32-50E	22 tanks/assault guns	22 tanks/assault guns
59*	Kumsong Armor Installation	38-25-20N 127-36-00E	9 tanks	9 tanks/assault guns
60*	Kyongpa-ri Military Installation	38-26-05N 127-39-00E	10 tanks/assault guns	10 tanks/assault guns
61*	Yangji-chon Barracks & Hq 47 Inf Div	38-26-42N 128-06-54E	17 tanks/assault guns	15 tanks/assault guns
62*	Sangsampo Army Bks & Hq Inf & Mort Regt	38-21-53N 127-58-37E	11 tanks/assault guns	9 tanks/assault guns

*Installations with tunnel-served weapons positions

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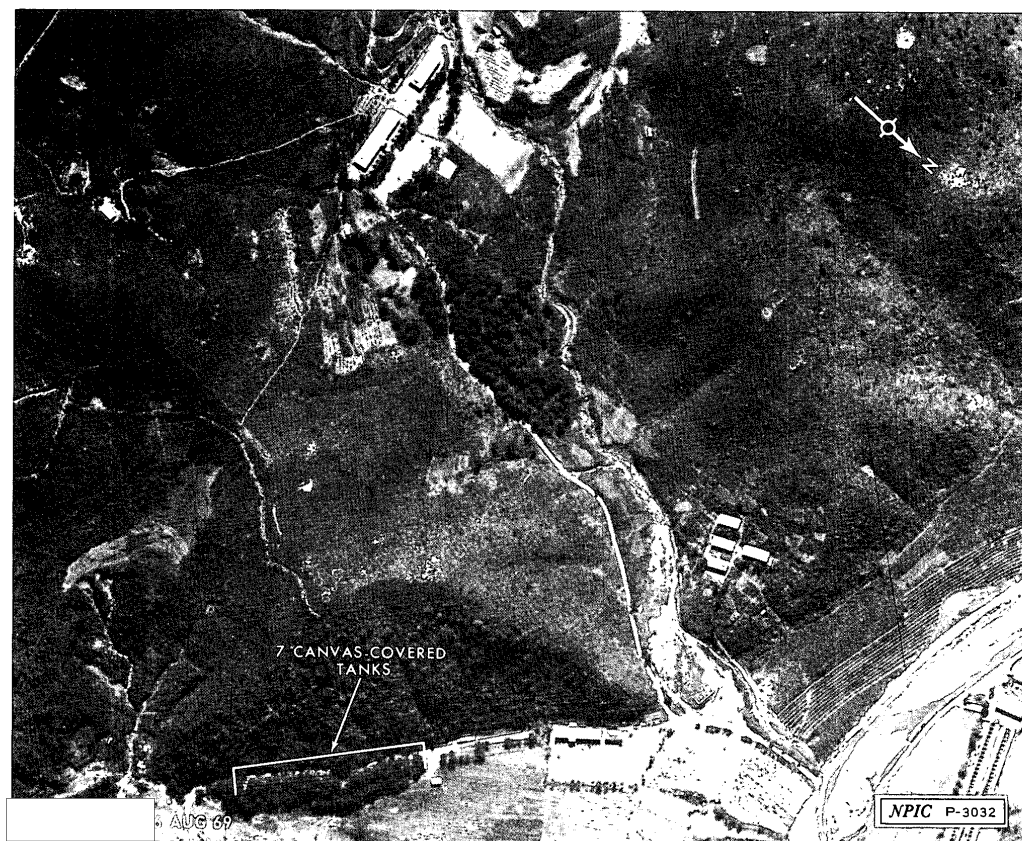
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FIGURE 2. NUCHON-NI ARMOR INSTALLATION, NORTH KOREA



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FIGURE 3. KUHWA-RI MILITARY AREA, NORTH KOREA

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REFERENCES

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MAPS AND CHARTS

ACIC Chart, Series ONC, Sheets F-9 and G-10, scale 1:1,000,000

RELATED DOCUMENTS

1. DOD. 502d MI BR, IIR #2-221-0627-68, 29 Feb 68
(CONFIDENTIAL)

2. NPIC. R-3/70, Armor and Artillery Associated Underground
Facilities, North Korea, Feb 70 (SECRET/

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3. NPIC. R-54/70, Tunnel-served Weapons Positions in North
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4. NPIC. R-10/71, Tunnel-served Weapons Positions in North
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REQUIREMENT

NPIC/IEG/EGD/NKB Project 1500660C

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